

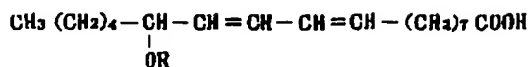
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TITLE : ANGIOTENSIN I-CONVERTING
ENZYME INHIBITOR

ABSTRACT : PURPOSE: To provide the titled inhibitor containing specific unsaturated fatty acid derivative or its salt extracted from BAIMO (lime-coated and dried bulb of *Fritillaria thunbergii* of Liliaceae family or its relating plant) known as a Chinese crude drug, having high safety and excellent activity to inhibit angiotensin I-converting enzyme and useful for remedy of hypertension.

CONSTITUTION: An unsaturated fatty acid derivative of formula (R is H, lower alkylcarbonyl or aromatic carbonyl) or its salt is used as an ACE-I inhibitor. The compound of formula can be produced by extracting BAIMO with a lower alcohol, distilling out the solvent, dissolving the residue in water, extracting with an organic solvent such as ethyl acetate, distilling out the solvent and purifying the residue by chromatography. Concrete example of the compound of formula is 13-hydroxy-9,11-octadecadienoic acid. The compound of formula exhibits excellent ACE-I inhibiting action by oral or parenteral administration and is useful for remedy of hypertension.

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